


Please type a plus sign (+) inside 

PTO/SB/01 (12-97)  
Approved for use through 9/30/00. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>	Attorney Docket Number	6213RE
	First Named Inventor	Lars Severinsson
	<b>COMPLETE IF KNOWN</b>	
	Application Number	/
	Filing Date	
	Group Art Unit	
<input checked="" type="checkbox"/> Declaration Submitted with Initial Filing	OR	<input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)
Examiner Name		

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DISC BRAKE CALIPER

the specification of which

(Title of the Invention)

☒ is attached hereto  
OR

☐ was filed on (MM/DD/YYYY)  as United States Application Number or PCT International

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability or defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) in this box → ☐

PTO/SB/01 (12-97)  
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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
08/817,769	April 24, 1997	5,833,035

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer  
Number Bar Code  
Label here

Name	Registration Number	Name	Registration Number
LAURENCE R. BROWN	16,486		

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number  OR ☒ Correspondence address below

Name	Laurence R. Brown				
Address	2001 Jefferson Davis Highway				
Address	Suite 408				
City	Arlington	State	VA	ZIP	22202
Country	United States	Telephone	(703)415-4660	Fax	(703)415-4664

### REISSUE DECLARATION CLAUSES UNDER 37 CFR 1.175

Applicant believes the original patent to be partly inoperative or invalid by reason of the patentee claiming less than patentee had the right to claim in the patent.

The defective, inoperative or invalid patent arose through error without deceptive intent in that the true scope of the invention disclosed in the patent was not fully appreciated by the applicant or his attorneys until recent thorough review and study of the claim coverage revealed the error of patentee claiming less than he had a right to claim.

Please type a plus sign (+) in this box → ☐

PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## DECLARATION — Utility or Design Patent Application

Name of Sole or First Inventor:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

Lars

Severinsson

Inventor's  
Signature

*Lars Severinsson*

Date

Residence: City

Hishult

State

Country

Sweden

Citizenship

Swedish

Post Office Address

Nordnavagan, S-310 21

Post Office Address

Hishult

Sweden

City

State

ZIP

Country

☐ Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

**PATENT**  
01925-10128A WWW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lars Severinsson	Assignee: Haldex Brake Products AB
Serial No. 09/324,506	Filing Date: June 3, 1999
Title of Application:	Disc Brake Caliper

Assistant Commissioner for Patents  
Washington, DC 20231

**Revocation and New Power Of Attorney**

Dear Sir:

Haldex Brake Products AB, hereby revokes all previous powers of attorney and appoints the following attorneys to prosecute this patent and transact all business in the United States Patent and Trademark Office connected therewith, receive all communications from the United States Patent and Trademark Office, to receive the Letters Patent, and be its agent for service of process in connection herewith:

Wesley W. Whitmyer, Jr., Registration No. 33,558  
Richard J. Basile, Registration No. 40,501  
Attorneys for Applicant  
ST. ONGE STEWARD JOHNSTON & REENS LLC  
986 Bedford Street  
Stamford, CT 06905-5619  
203 324-6155

To the best of my knowledge, Haldex Brake Products AB is the assignee of record of the patent application identified above.

**HALDEX BRAKE PRODUCTS AB**

Dated: 028/3-00  
March 28, 2000

By   
Name: Magnus Bergström  
Title: Managing Director

PATENT  
03323-P0001B WWW/TMO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

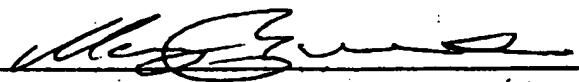
Applicant	Lars Serverinsson
Serial No. 09/324,506	Filing Date: June 3, 1999
Title of Application:	Disc Brake Caliper – Reissue of U.S. Patent No. 5,883,035
Group Art Unit: 3613	Examiner: C. Schwartz

Assistant Commissioner for Patents  
Washington, DC 20231

**Consent of Assignee of Record Under 37 CFR 3.73**


The assignee of record, Haldex Brake Products Aktiebolag, hereby gives consent to the reissue of U.S. Patent No. 5,883,035, granted November 10, 1998 to Lars Severinsson, by signature of the below identified officer. Haldex Brake Products Aktiebolag is owner of the aforesaid patent for which reissue is sought by virtue of an assignment from the inventor to Haldex Aktiebolag recorded with the U.S. Patent and Trademark Office on Reel 8598 Frame 0793. Subsequently, Haldex Aktiebolag legally changed its name to Haldex Brake Products Aktiebolag, which name change was recorded with the U.S. Patent and Trademark Office on Reel 10437 Frame 0773.

Dated: 080731

By:   
Name: Magnus Bergström  
Title: President

**Certificate of Transmission:** I hereby certify that this correspondence is today being transmitted to the U.S. Patent and Trademark Office (Fax No. 703-308-3519).

August 7, 2000

  
Todd M. Oberdick

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re: Reissue of Patent 5,833,035

Inventor: Lars Severinsson

Granted: Nov. 10, 1998

DECLARATION OF EUROPEAN COUNSEL FILED WITH REISSUE APPLICATION

Now comes Stellan Petri, of the firm of Strom & Gullickson AB, Patent Attorneys and Lawyers, Studentgatan 1, Malmo, Sweden, who initially prepared the parent Swedish and PCT patent applications corresponding to U. S. Patent 5,833,035 as counsel for the inventor and assignee, and who directed and supervised prosecution of the U. S. application S. N. 08/817,769 in the United States, declaring:

That I did not fully appreciate at that time the true nature and scope of the invention disclosed and claimed in the U. S. application S. N. 08/817,769 resulting in the claims of the subject U. S. Patent 5,833,035.

That my failure to fully appreciate the true nature and scope of the invention disclosed in the original application was without fraudulent or deceptive intention and arose from inadvertence, accident or mistake;

That the realization that the initial claims had not claimed enough came only recently after European Oppositions for brake application mechanisms resulted in intensive study of the scope and contents of this subject matter and the initial claims prosecuted;

That it was then recognized that in the study of accumulated prior art available in this field that broader claims could have been made in this application; and

That accordingly divisional cases were filed with different claims in Europe and at that time I contacted U. S. Counsel to determine whether a Reissue in the U. S. A. would be be feasible.

The undersigned being hereby warned that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the resulting patent, declares that all statements made of his own knowledge are true and all statements made on information and belief are believed to be true.

Date: May 31, 1999

  
\_\_\_\_\_  
Stellan Petri

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re: Reissue of Patent 5,833,035

Inventor: Lars Severinsson

Granted: Nov. 10, 1998

DECLARATION OF U.S. COUNSEL FILED WITH REISSUE APPLICATION

Now comes Laurence R. Brown, Attorney of Record in S. N. 08/817,769 who initially filed and prosecuted that application, now U. S. Patent 5,833,035 as counsel for the inventor and assignee, declaring:

That I did not fully appreciate at that time of filing or at any time during the prosecution of the application the true nature and scope of the invention disclosed and claimed in the U. S. application S. N. 08/817,769 resulting in the claims of the subject U. S. Patent 5,833,035;

That I initially was commissioned to file claims prepared by Mr. Stellan Petri in the U.S.A. and thus to some degree relied upon Mr. Petri and the applicant inventor to know the state of the art and the scope of the invention to be claimed;

That I did not make a patentability search or report during the course of prosecution in the U.S.A.;


That, I erred in failing to appreciate the breadth of the invention that might have been claimed during the prosecution phase; and

That my failure to fully appreciate the true nature and scope of the invention disclosed in the original application was without fraudulent or deceptive intention and arose from inadvertence,



accident or mistake.

The undersigned being hereby warned that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the resulting patent, declares that all statements made of his own knowledge are true and all statements made on information and belief are believed to be true.

  
Laurence R. Brown

Date: June 3, 1999

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lars Severinsson	Assignee: Haldex Brake Products Aktiebolag
Serial No. 09/324,506	Filing Date: June 3, 1999
Title of Application	<b>Disc Brake Caliper</b> -- Reissue of U.S. Patent No. 5,883,035
Group Art Unit 3613	Examiner C. Schwartz

Assistant Commissioner for Patents  
Washington, DC 20231

**Second Supplemental Reissue Declaration Of Lars Severinsson**

I, Lars Severinsson, declare as follows under penalty of perjury:

- 1) My residence, post office address, and citizenship are as stated below next to my name.
- 2) I am the original, first and sole inventor of the above-referenced reissue patent application and make this declaration in support thereof.
- 3) Priority Under 35 U.S.C. 120 -- I do not claim the benefit under 35 U.S.C. 120 of any United States Application. To the extent that such benefit was claimed in my declaration filed concurrently with the present application on June 3, 1999, such claim was in error, and hereby revoked.
- 4) Priority Under 35 U.S.C. 119 -- I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign applications for patent or inventor's certificate listed below and have also identified below any foreign applications for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Sweden (SE) Patent No. 9403624-1, filed October 24, 1994

Certificate of Transmission: I hereby certify that this correspondence is today being transmitted to the U.S. Patent and Trademark Office (Fax No. 703-308-3519).

August 7, 2000

Todd M. Oberdick  
Todd M. Oberdick

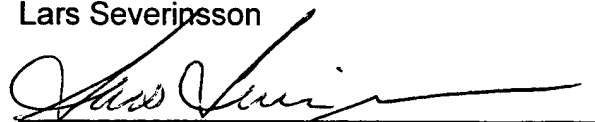
- 5) I believe the original patent to be partly inoperative or invalid because the claims include unnecessary limitations, and patentee claimed less than patentee had the right to claim in the patent. One error in particular is that no independent claim is broadly directed to the concept that the bearing tappets are connected to the caliper, and that the invention operates by a wedging action of the wedge between the fixed tappets and the cross bar. This feature is disclosed as a key feature of the invention, e.g. immediately following the heading "INVENTIONS" in col. 1 at lines 27-30, and in col. 3 at lines 51-54, and in FIGS. 1 and 2.
- 6) This defect arose through error without deceptive intent in that the true invention was disclosed in the application but was not sufficiently claimed in the patent.
- 7) A recent thorough review and study of the claim coverage of this patent revealed these errors and led to the filing of this reissue application.
- 8) Every error in the patent in the present reissue application, particularly those not covered by the prior declaration submitted in this application, arose without any deceptive intention on the part of the applicant.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor:

Lars Severinsson

Inventor's signature



Date:

28/6 2010

Residence:

Hishult, Sweden

Citizenship:

A citizen of Sweden

Post Office Address:

Nordnavagan, S-310 21  
Hishult, Sweden

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lars Severinsson	Assignee: Haldex Brake Products AB
Serial No. 09/324,506	Filing Date: June 3, 1999
Title of Application:	Disc Brake Caliper

Assistant Commissioner for Patents  
Washington, DC 20231

**Supplemental Reissue Declaration Of Lars Severinsson**

- I, Lars Severinsson, declare as follows under penalty of perjury:
- 1) I am the inventor of the above-referenced reissue patent application and make this declaration in support thereof.
  - 2) I believe the original patent to be partly inoperative or invalid because the claims include unnecessary limitations, and patentee claimed less than patentee had the right to claim in the patent. One error in particular is that no independent claim is broadly directed to the concept that the bearing tappets are connected to the caliper. This feature is disclosed as a key feature of the invention, e.g. immediately following the heading "INVENTIONS" in col. 1 at lines 27-30, and in col. 3 at lines 51-54, and in FIGS. 1 and 2.
  - 3) This defect arose through error without deceptive intent in that the true invention was disclosed in the application but was not sufficiently claimed in the patent.
  - 4) Another error is that no independent claim is broadly directed to the concept that the two thrust sleeves, cross bar and lever are pre-assembled as a unit prior to installation in the caliper. This feature of the invention is disclosed, e.g. col. 3, lines 30-36.
  - 5) A recent thorough review and study of the claim coverage of this patent revealed these errors and led to the filing of this reissue application.
  - 6) Every error in the patent in the present reissue application that is not covered by the prior declaration submitted in this application arose without any deceptive intention on the part of the applicant.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Lars Severinsson

Inventor's David L. Lerner

2000-03-29 (March 29, 2000)

Post Office Address: Nordanavagan, S-310 21  
Hishult, Sweden

[illegible]